

Amendment and Response

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Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Currently amended) An optical data recording medium comprising a transparent substrate, a thin film layer formed on the transparent substrate and a protective film which is mainly comprised of a resin and formed on the thin film layer for protecting the thin film layer, wherein the thin film layer is a single layered or multilayered film including at least any one of a dielectric film, a recording film and a reflective film, and an expansion coefficient under humidity [ratio of expansion (1/%) where a difference of relative humidity (vapor content/saturated vapor amount at 25°C) is increased by 1%] of the protective film is greater than that of the transparent substrate and smaller than 5.5×10^{-5} 1.7×10^{-4} (1/%) and the thickness of the protective film is 5 μm to 20 μm .
2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Previously Presented) An optical data recording medium according to claim 1, wherein the transparent substrate is made of a polycarbonate or a polyolefin and a thickness thereof is about 0.5 mm.
6. (Previously Presented) An optical data recording medium according to claim 1, wherein the protective film is made of an ultraviolet light curing resin.
7. (Cancelled).

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8. (Cancelled).

9. (Cancelled).

10. (Currently amended) An optical data recording medium comprising a transparent substrate, a thin film layer formed on the transparent substrate and a protective film which is mainly comprised of a resin and formed on the thin film layer for protecting the thin film layer, wherein the thin film layer is a single layered or multilayered film including at least any one of a dielectric film, a recording film and a reflective film, and an expansion coefficient under humidity {ratio of expansion (1/%) where a difference of relative humidity (vapor content/saturated vapor amount at 25°C) is increased by 1%} of the protective film is greater than that of the transparent substrate and smaller than 5.5×10^{-5} 1.7×10^{-4} (1/%), and a Young's modulus of the protective film is greater than 2.0 4.0×10^9 (Pa) and smaller than 1.0×10^{10} (Pa), and the thickness of the protective film is 5 μm to 20 μm .

11. (Currently amended) An optical data recording medium according to claim 1, wherein the expansion coefficient under humidity of the protective film is 7 or less times as great as that of the transparent substrate, the expansion coefficient under humidity being greater than 7×10^{-6} (1/%) and smaller than $[5 \times 5]$ 5×10^{-5} (1/%), and a Young's modulus of the protective film is greater than 2.0 4.0×10^9 (Pa) and smaller than 1.0×10^{10} (Pa).

12. (New) An optical data recording medium comprising a transparent substrate, a thin film layer formed on the transparent substrate and a protective film which is mainly comprised of a resin and formed on the thin film layer for protecting the thin film layer,

wherein the thin film layer is a single layered or multilayered film including at least any one of a dielectric film, a recording film and a reflective film, and

wherein an expansion coefficient under humidity, Young's modulus and thickness of the protective film are suitably adjusted so that the bending moments of

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the transparent substrate and the protective film generated by change in humidity are balanced with a neutral plane being a plane perpendicular to the film thickness direction and the position of the neutral plane is arranged within the thin film layer.

13. (New) An optical data recording medium according to claim 1, wherein the expansion coefficient under humidity of the protective film is greater than that of the transparent substrate and smaller than 1.6×10^{-5} (1/%).

14. (New) An optical data recording medium consisting essentially of a transparent substrate, a thin film layer formed on the transparent substrate and a protective film which is mainly comprised of a resin and formed on the thin film layer for protecting the thin film layer, wherein the thin film layer is a single layered or multilayered film including at least any one of a dielectric film, a recording film and a reflective film, and an expansion coefficient under humidity [ratio of expansion (1/%) where a difference of relative humidity (vapor content/saturated vapor amount at 25°C) is increased by 1%] of the protective film is greater than that of the transparent substrate and smaller than 5.5×10^{-5} (1/%) and the thickness of the protective film is 5 μm to 20 μm .